

BRZOSTOWSKI, M., mgr inz.

Struggle against snow. Przegl techn 85 no.1:4 5 Ja '64.

BRZOSTOWSKI, Michal, mgr inz.

Review of foreign achievements in snow clearing equipment and
conclusions for Polish conditions. Techn drog prace no.3:71-
214 '64.

BRZOSTOWSKI, STANISLAW

Uprawa slonecznika. Wyd 2. Warszwa, Panstwowe Wydawn. Rolnicze i Lesne,
1954. 36 p. (Cultivation of the sunflower. 2d ed.)
DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 3, Aug 1957. Uncl.

BRZOZOWSKI, Wojciech (Gdansk)

Double-row cascade wind tunnel for studies on high-speed flow. Inst
masz przep PAN no.4:13-41 '61.

BRZOZOWSKI, Wojciech (Gdansk); SMIGIELSKI, Jozef (Gdansk); ZABICKI, Andrzej (Gdansk).

High-speed wind tunnel studies on the cascades of TP2 and A1a impulse type turbine profiles. Inst masz przep PAN no.5:3-59 '61.

Brzostowski, W.

PO/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria,
Physical-Chemical Analysis, Phase Transitions.

B-8

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3774.

Author : I: W. Swietoslawski, K. Zieborak, W. Brzostowski. II: K.
Zieborak, W. Brzostowski.

Inst : Academy of Sciences of Poland.

Title : Vapor-Liquid Equilibria. I. An Apparatus for Determining the
Vapor-Liquid Phase Equilibria. II. The n-Decane-Acetic Acid -
2,6 Lutidine System.

Orig Pub: Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 3, 305-308, XXV.

Abstract: I. an apparatus for simultaneous boiling temperature measurement
and liquid and vapor composition determination is described. The
apparatus has been checked with the water-methanol system and
works faultlessly in all cases when vapor is in equilibrium with
only one liquid phase.

Card : 1/2

-20-

POLAND/Thermodynamics. Thermochemistry. Equilibria. Physico-chemical Analysis. Phase Transitions.

B

Abs Jour: Ref Zhur-Khin., No 15, 1958, 49539.

Author : Zieborak, Kazimierz, ~~Brzostowski, Witold~~.

Inst : ~~UNIV. WARSAW~~

Title : Azeotropic and Polyaazeotropic Systems. XXIV. The Positive-Negative Azeotrope n-Octane-Acetic Acid-Pyridine.

Orig Pub: Roczn. chem., 1957, 31, No 1, 213-220.

Abstract: Study of the system n-octane (I) - acetic acid (II) - pyridine (III). A triple ebullionometer was used, and also a single ebullionometer which was utilized as a barometric. It was found that in the system under study there is present a positive-negative azeotrope (A). The course of experimental lines on

Card : 1/3

POLAND/Thermodynamics. Thermochemistry. Equilibria. Physico-chemical Analysis. Phase Transitions.

B

Abs Jour: Ref Zhur-Khim., No 15, 1958, 49539.

the isobaric surface of boiling temperatures was determined. Position of ridge line was determined by the Swietoslawski method of transversal sections. For determination of the trough-line which connects the points representing positive binary A, with the positive-negative A, there has been worked out another method of ebullimetric determinations, which is designated as the method of lateral sections. Results of determinations are compared in tables and on Gibbs triangles. The determined compositions and boiling temperatures of binary A II-III, I-II are in agreement with literature data. In the case of I-III system (not previously investigated) it was as-

Card : 2/3

*POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. B-8
Equilibria. Physicochemical Analysis. Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 3, 1959, No. 7483

Author : Zieborak, K.; Brzostowski, W.

Inst : Polish Academy of Sciences

Title : Vapor-Liquid Equilibria. IV. Thermodynamic Excess
Potential for the Series of Binary Azeotropes Acetic Acid -
n-Paraffins

Orig Pub : Bull. Acad. polon. sci. Ser. sci. chim., geol. et geogr.,
1958, 6, No 3, 169-177, XIII, XIV

Abstract : Liquid-vapor equilibrium of the binary system $\text{CH}_3\text{COOH-n-C}_8\text{H}_{18}$
is studied at atmospheric pressure. The measurements were
made in the previously described (RZhKhim, 1958, 3774)
improved ebulliometer of Swietoslowski. On the basis of the
experimental equilibria data for the system under study
there were calculated the values of thermodynamic excess

Card 1/3

POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. B-8
Equilibria. Physicochemical Analysis. Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 3, 1959, No. 7483

potential ($\Delta\psi^E$) and of chemical excess potential (μ_1^E).
 $\Delta\psi^E$ was calculated according to the formula: $\Delta\psi^E =$
 $= x_1\mu_1^E + x_2\mu_2^E$. Calculation of μ_1^E was effected by two
methods: 1) utilizing the second virial coefficient $-B_1$,
according to the formula $-\mu_1^E = RT \ln (Py_1/P_{oi}x_1) +$
 $C(v_{oi} - \beta_1) (P - P_{oi})$, wherein P is total pressure of mix-
ture vapor, y_1 -- molar portion of component 1 in the
gaseous phase, x_1 -- molar portion in liquid phase, P_{oi} --
partial pressure of component 1 vapor at temperature T ;
 v_1 -- molecular volume of liquid component 1, C -- a constant
equal to 0.03187 calories; 2) by the method previously
proposed by Kurek (RZhKhim, 1955, 18306; 1957, 40570),
taking into account the fact of chemical equilibrium between
molecules of monomer and dimer CH_3COOH in the gaseous phase,
in accordance with the formula: $\mu_1^E = RT \ln f_1 = RT \ln$

Card 2/3

POLAND / Physical Chemistry. Thermodynamics. Thermochemistry. B-8
Equilibria. Physicochemical Analysis. Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 3, 1959, No. 7438

$(Py_1/P_{01}x_1) + RT \ln z_1$, where f_1 -- coefficient of activity of component i, z_1 -- association factor. On the basis of literature data the values of μ_1^E were calculated by two methods for a series of binary azeotropes formed by acetic acid with n-paraffins -- hexane, heptane, nonane, decane and undecane. It is shown that for systems containing a component undergoing association the method proposed by Marok for the calculation of μ_1^E yields more satisfactory results than the method based on utilization of the second virial coefficient. Curves showing the dependence of $\Delta\psi^E$ on composition of the binary mixture $\text{CH}_3\text{COOH} - \text{n-C}_8\text{H}_{18}$ have been plotted; the values of $\Delta\psi^E$ calculated for the series of azeotropes: $\text{CH}_3\text{COOH} - \text{n-paraffins}$ (from C₇ to C₁₁) fit well onto these curves. -- S. Byk

Card 3/3

POLAND / Physical Chemistry--Thermodynamics. B-8
Thermochemistry. Equilibrium. Physico-
chemical analysis. Phase transitions.

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 37832

Author : Zieborak, K.; Brzostowski, W.; and Kaminski, J.

Inst : Polish Academy of Sciences

Title : Liquid-Vapor Equilibria in the Ternary System
Formic Acid-Pyridine-Water

Orig Pub : Bull Acad Polon Sci, Ser Sci Chim Geol, et
Geograph, 6, No. 6, 371-372 (1958) XXX (in
English with a Russian summary)

Abstract : The authors have investigated liquid-vapor equilibria in the system formic acid-pyridine and in the ternary system formic acid-pyridine-water, using a modified Swietoslowski ebulliometer and a method which has been described in an earlier

Card 1/3

POLAND / Physical Chemistry--Thermodynamics. B-8
 Thermochemistry. Equilibrium. Physico-
 chemical analysis. Phase transitions.

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 37832

report (RZhKhim, 1958, 3774). The analysis of the equilibrium mixtures was carried out by titrating the formic acid with KOH and by determining the index of refraction of the 3-component system. The system formic acid-pyridine forms an azeotrope containing 61.4 wt% HCOOH. The experimentally determined azeotrope composition differs markedly from the value given in the literature (18 wt% HCOOH). The ternary system, which was studied in the region of high HCOOH concentration, does not form a ternary azeotrope. Pyridine cannot be used directly in the rectification-drying of formic acid. During the rectification of the 3-component mixture, an anhydrous

Card 2/3

POLAND / Physical Chemistry--Thermodynamics.

B-8

Thermochemistry. Equilibrium. Physico-
chemical analysis. Phase transitions.

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 37832

negative azeotrope may be formed by the formic
acid with the pyridine. -- S. Byk

Card 3/3

ZIMBORAK, K.; BRZOSTOWSKI, W.; KAMINSKI, J.

Vapor-liquid equilibria in ternary system formic - acid - pyridine
water. Bul Ac Pol chim. 6 no.6:371-376 '58. (KAI 9:6)

1. Department of Physical Chemistry, Warsaw University. Basic Raw
Materials Department, Institute of Physical Chemistry, Polish
Academy of Sciences. Presented by W. Swietoslowski.

(Formic acid) (Pyridine) (Water)
(Vapors) (Liquids) (Phase rule and equilibrium)
(Systems (Chemistry))

W. BRZOSTOWSKI

Distr: BR20(1)

Vapor-liquid equilibrium in the formic acid-pyridine-water ternary system. K. Zichorak, W. Brzostowski, and J. Kaminski (Univ. Warsaw). Bull. Acad. Polon. Sci., Ser. Sci., Chim., Géol. et Géophys., 6, 377-82 (1958) (in English). Vapor-liquid equil. at 1 atm. pressure was detd. in a modified Strykowski ebulliometer by a procedure described earlier (cf. C.A. 51, 14399c). Compos. of the liquid and condensate were detd. by n_D measurements followed by titration of HCOOH. The HCOOH-pyridine (I) binary neg. azeotrope, b. 107.43°, contained 61.4% HCOOH, in disagreement with Lécat (Tables azeotropiques 1949, 408 pp. (C.A. 43, 8256e)). The HCOOH-H₂O azeotrope is a neg. one, 1-H₂O, a pos. one, and no ternary azeotrope exists; there are 3 rectification areas in which the rectification product is either the HCOOH-H₂O, or the HCOOH-I azeotrope. I cannot be used as an entrainer for HCOOH dehydration; however, almost water-free HCOOH-I azeotrope can be obtained by rectification. J. Strykowski

7
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gfg

Witold Brzostowski

Distr: 4E3d

Vapor-liquid equilibria. IV. Thermodynamic excess potential for the series of binary azeotropes acetic acid-n-paraffins. Karimierz Zieborak and Witold Brzostowski (Univ. Warsaw). Roczniki Chem. 32, 1145-57 (1958). (English summary).—See C.A. 52, 18349g. A. R.

7
27 May
1

BRZOSTOWSKI, W.

Benzene-heptane system. I. Vapor-liquid equilibria and excess functions.
II. Thermodynamic consistency of data and azeotrope formation problem.
Bul chin PAN 8 no.6:291-300 '60. (KEAI 10:9/10)

1. Department of Physical Chemistry, University, Warsaw and Basic
Raw Materials Department, Institute of Physical Chemistry, Polish
Academy of Sciences. Presented by W. Swietoslowski.

(Systems(Chemistry)) (Benzene) (Heptane)

BRZOSTOWSKI, W.

Determination of the composition of organic liquid mixtures with labelled component. Bul. chim PAN 9 no. 6: 441-444 '61.

1. Basic Raw Materials Department, Institute of Physical Chemistry, Polish Academy of Sciences and Department of Physical Chemistry, University, Warsaw. Presented by W. Swietoslowski.

BRZOSTOWSKI, W.

Vapor—liquid equilibria in the benzene — hexane system containing ^{14}C -labelled benzene. Bul chim PAN 9 no.7:471-475 '61.

1. Department of Physical Chemistry, University, Warsaw. Presented by W. Swietoslowski.

S/081/62/000/003/016/090
B151/B144

AUTHOR: Brzostowski, Witold

TITLE: Liquid-vapor equilibrium in the benzene-heptane system

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 63, abstract
3B413 (Roczn. chem. v. 35, no. 1, 1961, 291-299)

TEXT: The liquid-vapor equilibrium in a benzene-heptane system at 760 mm Hg is studied using a Sventoslavskiy variable ebulliometer. The excess thermodynamic functions are calculated (on the basis of the experimental results and those given in the literature). The results are plotted in the form of a graph. The thermodynamical consistency of the experimental data is verified using accurate expressions. The conditions for the formation of an azeotrope in the benzene-heptane system are discussed. A positive tangential azeotrope is formed at 160 mm Hg; b.p. $\sim 36^{\circ}\text{C}$. [Abstracter's note: Complete translation.] ✓

Card 1/1

BRZOSTOWSKI, W.; HARDMAN, T.M.

Thermodynamics of cyclohexane-propanol mixtures. Pt. 1.
Bul chim PAN 11 no.8:447-452 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences,
Warsaw and Department of Chemistry, University, Reading, U.K.
Presented by W. Swietoslowski.

BRZOSTOWSKI, W.; WARYCHA, S.

Thermodynamics of cyclohexane-propanol mixtures. Pts. 2-3.
Bul chim PAN 11 no.9:539-548 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences,
Warsaw. Presented by W. Swietoslowski.

BRZHOSTOVSKIY, V. [Brzostowski, W.]; SVENTOSLAVSKIY, V. [Swietoslawski, W.]
(Warsaw)

Method of eliminating the effect of harmful space in ebulliometric
measurements. Zhur. fiz. khim. 36 no.9:2090-2091 S '62.
(MIRA 17:6)

BZHOZOVSKIY, V.S. [Brzozowski, W.]; DUL, I.; FUKSIYEVICH, Ye. [Fuksijewicz, J.];
MIKOSH, M. [Mikosz, M.]; VANG, R. [Wang, R.]

Experimental open-cycle magnetohydrodynamic generator. Teplofiz.
vys. temp. 2 no.5:771-779 S-O '64. (MIRA 17:11)

1. Institut yadernykh issledovaniy, Pol'sha.

BRZOSTOWSKI, W.; MAGIERA, B.

Shape of molecules and excess functions from the lattice theory.
Bul chim BAN 12 no.12:899-906 '64.

1. Institute of Physical-Chemistry of the Polish Academy of
Sciences, Warsaw. Submitted October 26, 1964.

BRZOSTOWSKI, W.

Dependence of compressibility and fluidity on temperature and the free volume theory of liquids. *Bul Chim PAN* 11 no.6:345-353 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by W.Swietoslawski. A

BRZOSTOWSKI, W.

Lattice statistics of binary mixtures containing ring molecules.
Bul chim pan 11 no.7:407-415 '63.

1. Institute of Physical Chemistry, Polish Academy of Sciences,
Warsaw. Presented by W. Swietoslowski.

BRZOZA, A.

"Some Problems in the development of agriculture in the light of resolutions of the 2d Congress of the Polish United Workers Party." (p.3) NOWE ROLNICTWO (Państwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Vol. 3, No 1, Jan 1954.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

BRZOZA, A.

AGRICULTURE

periodicals: ZAGADNIENIA EKONOMII ROLNEJ. No. 6, 1958

BRZOZA, A. A contribution to the method of measuring intensity and productivity in agriculture. p. 3.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

BRZOZKA, Eugeniusz, inz.

The scope of applications of telemechanics in power plants. Energetyka
Pol 13 no.11/12:307-309 M-D '59. (EEAI 9:7)
(Electric-power plants)

BRZOZKA, Eugeniusz, inż.

Receiving converters in telemetry. Energetyka Pol 15 no.3:85-89
Mr '61. (ERAI 10:5)

1. Zakładu Energetyczne Okregu Poludniowego.
(Electric current converters) (Telemeter)

BRZOZA, Florian

Emulsions of lubricating oils. Wiad hut 15 no.11/12:361-364
N-D '59.

SCHLEIFER, Pawel; BRZOZKA, Jerzy

Investigation on the absorption of radiation in glasses colored with cobalt oxide and in glasses colored with cobalt oxide together with iron oxide. Ceramika 32 no.4:55-62 '61.

1. Katedra Technologii Szkła Akademii Górniczo-Hutniczej, Krakow.

BRZOWICZ, Artur, inz.

Switchgear apparatus produced by the ZWAR Works in Warsaw-Miedzy-
lesie. Wiad elektrotechn 28 no.5:114-116 My '61.

BRZOSOWICZ, S.

Using time schedules for the organization of work in restaurants of the Workers
Supply Branches. p.10.
PRZEMYSŁ GASTRONOMICZNY (Polskie Wydawnictwa Gospodarcze) Warszawa
Vol. 11, no. 4, Apr. 1956

So. East Euror... Accessions List Vol. 5, No. 9 September 1956

BRZOSOWSKA, A.

Glass and ceramic industries at the 24th Poznan International Fair. p. 134.
SZKLO I CERAMIKA, Warszawa, Vol. 6, no. 6, June 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BRZozowska, H.

BRZozowska, Helena

A case of rheumatic fever as cardiac-lung-visceral syndrome.
Pediat. polska 29 no.12:1205-1208 Dec. '54.

1. Ze Szpitala dla Dzieci w Sosnowcu. Dyrektor: dr med. H.
Krupinski.

(RHEUMATIC FEVER, manifestations
cardiac-lung-visceral synd)

(HEART, in various diseases
rheum.fever, cardiac-lung-visceral synd.)

(LUNGS, in various diseases
rheum.fever, cardiac-lung-visceral synd.)

(ABDOMEN, in various diseases
rheum.fever, cardiac-lung-visceral synd.)

BRZOWSKA, Halina

Ulcers of the rectal ampulla treated successfully by local administration of hydrocortisone. *Pediat. polska* 34 no.6:839-841 June 59.

1. Z Oddziału Wewnętrznego Miejsk. Szpit. dla Dzieci Nr 1 w Warszawie
Kierownik Oddziału: prof. dr med. T. Chrapowicki
(RECTUM, dis.) (HYDROCORTISONE, ther.)

BRZOZOWSKA, Halina; KAMINSKA, Maria

Cerebral abscesses in a 4-year-old boy with mongolism and
Fallot's syndrome. Polski tygod. lek. 15 no.29:1123-1124 18 J1 '60.

1. Z Oddzialu Dzieciacego Centralnego Szpitala Klinicznego MSW;
ordynator: prof dr med. T. Chrapowicki
(FALLOT'S TETRALOGY compl)
(MONGOLISM compl)
(BRAIN ABSCESS in inf & child)

BRZozowska, Halina; KAMINSKA, Maria

Congenital absence of the kidney in children. Pediat pol 36 nr.10:
1093-1096 0 '61.

1. Z Oddzialu Dzieciecego Centralnego Szpitala Klinicznego MSW w
Warszawie Ordynator: prof. dr med. T. Chrapowicki.
(KIDNEY abnorm)

BRZOZOWSKA, Halina

Familial systemic eosinophilia. *Pediatr Pol* 37 no.2:179-181 F '62.

1. Z Oddziału Dziecięcego Centralnego Szpitala Klinicznego MSW w Warszawie
Ordynator: prof. dr med. T. Chrapowicki.

(EOSINOPHILIA in inf & child)

BRZOZOWSKA, Halina; CZARNECKI, Jerzy; SZEWCZYKOWSKA, Mirosława

2 cases of abdominal epilepsy. Pol. tyg. lek. 17 no.2:60-62 8 Ja '62.

1. Z Oddziału Dziecięcego Centralnego Szpitala Klinicznego MSW w
Warszawie; kierownik Oddziału: prof. dr med. Tadeusz Chrapowicki.
(EPILEPSY case reports) (ABDOMEN dis)

CHWALIBOGOWSKI, Artur [deceased]; BRZOZOWSKA, Helena

Morbidity of infant diarrhea according to data of the Children's
Clinic in Zabrze. Pediat. Pol. 39 no.9:1045-1055 S '64

1. Z Kliniki Chorob Dzieci Śląskiej Akademii Medycznej w Zabrze
(Kierownik: prof. dr. med A. Chwalibogowski [deceased]).

BRZozowska, Irena; BRZDEKIEWICZ, Zygmunt

Analysis of the cause of premature deliveries at the Obstetrical & Gynecological Clinic of Maternal & Child Institute in Warsaw. Gin. polska 29 no.3:245-255 May-June 58.

1. Z Kliniki Poloznictwa i Chorob Kobiety Kierownik: prof. dr med. J. Lesinski Instytutu Matki i Dziecka w Warszawie Dyrektor: prof. dr med. F. Groer. Adres: Warszawa, Warecka 8 m 46.
(LABOR,

premature, etiol. (Pol))

BRZozowska, Irena; Nowkumski, Jerzy

Analysis of peri-natal mortality. Gin.polska 31 no.3:281-289
My-Je '60.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Matki i
Dziecka w Warszawie Kierownik Kliniki: prof. dr med. J.Lesinski
Dyrektor Instytutu: prof. dr med. F.Groer
(INFANT MORTALITY statist)

BRZozowska, Irena

The course of the neonatal period in infants born with signs of asphyxia. Gin. polska 32 no.5:553-563 '61.

1. Z Kliniki Poloznictwa i Chorob Kobietych Instytutu Matki i Dziecka w Warszawie Kierownik: prof. dr med. J.Lesinski Dyrektor: prof. dr med. F.Groer.

(ASPHYXIA NEONATORUM)

BRZOZOWSKA, Irena

Perinatal mortality in hospitals, delivery-rooms and in the practice of rural and city midwives in 1963 (on the basis of data from 17 districts and 5 separate cities). 2drow. publiczne no.4/5:129-138 Ap-My '65.

BRZOWSKA, Irena; SZKLARSKA-CYGANSKA, Romualda

Prevention of suppurative conjunctivitis in newborn infants.
Ginek. Pol. 36 no.9:993-998 S '65.

1. Z Kliniki Chorob Kobietych i Poloznictwa Instytutu Matki i
Dziecka w Warszawie (Kierownik: prof. dr. med. J. Lesinski).

HANOWER, P.; JANICKA, I.; HOFF, M.; BRZozowska, J.

The effect of HCH on corn. Rocz nauk roln rosl 80 no.4:741-752 '60.
(EEAI 9:11)

1. Stacja Chemiczno-Rolnicza w Warszawie.
(Poland--Corn (Maize))
(Hexachlorocyclohexane)

HANOWER, P.; JANICKA, I.; BRZOZOWSKA, J.; HOFF, M.

The chemical composition and fodder value of maize and the uptake of mineral components in the four stages of development. Roczniki nauk rolniczych 82 no.4:1009-1024, '61.

LEDOCHOWSKI, Zygmunt; LEDOCHOWSKI, Andrzej; MAGIELKA, Stanislaw;
BRZOZOWSKA, Jadwiga

Research on tumor inhibiting compounds. Pt.12. Rocz chemii
36 no.4:759-762 '62.

1. Department of Chemistry and Technology of Medicaments,
Technical University, Gdansk, and Laboratory No.8,
Institute of Organic Chemistry, Polish Academy of Sciences, Gdansk.

BRZozowska, Janina

Spastic paralysis following tuberculous meningitis in children.
Pediat. pol. 38 no.1:57-62 '63.

1. Z sanatorium rehabilitacyjnego dla dzieci po gruźliczym
zapaleniu mózgu i opon DCSP w Rabce Dyrektor: dr med. J. Rudnik
Ordynator: lek. med. M. Plesinska.

(TUBERCULOSIS, MENINGEAL)

(PARALYSIS, SPASTIC)

(TUBERCULOSIS IN CHILDHOOD)

BRZOZOWSKA, M.; BLUM, M.; JANUSZEWICZ, I.

Isolating new types of *Leuconostoc*.

p. 304

Vol. 9, no. 7, July 1955

PRZEMYSŁ SPOŻYWCZY

Warszawa

S0: Monthly List of East European Accessions (EEAL), LC, Vol.5 , no. 2
Feb. 1956

BRZCZOWSKA, Maria

Physico-chemical properties of dextran synthesized by strains of
Leuconostoc from various sources. Acta microbiol. pol. 10 no.2:205-209
'61.

1. Z Zakładu Mikrobiologii Przemysłowej Instytutu Przemysłu Fermentacyj-
nego w Warszawie.

(DEXTRAN chem)

BRZOWSKA, M.

GEOGRAPHY & GEOLOGY

PERIODICAL: KWARTALNIK GEOLOGICZNY. Vol. 2, no. 3, 1958

BRZOWSKA, M.: ZOLDANI, Z. Remarks on the stratigraphic range of some types of Carboniferous megaspores. p. 515

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

JANUSZEWICZ, Irena (Warszawa); BRZozowska, Maria (Warszawa)

Use of a lactic acid solution for sterilizing malt germs, used
for milk fermentation. Przem spoz 15 no.10:35-38 '61.

BRZozowska, NATALIA

Reactions of acetamide with aniline and phenyl isocyanate
 Wojciech Dymek, Natalia Brzozowska, and
 Tadeusz Brzozowski (Maria Curie-Skłodowska Univ., Lublin)
 Ann. Univ. Mariae Curie-Skłodowska, Lublin-Polonia
 Ser. AA, 9, 85-93 (1954) (Pub. 1956).—Acetamide (I),
 aniline (II) and PhNCS (III) are heated at 200-220° to yield
 2,4,6-trianilino-1,3,5-triazine (IV), 2,4-dianilinoquinazoline
 (V), m. 152°, and acetanilide. V (1 g.) boiled with 10 ml.
 Ac₂O yields 2,4-bis(acetylanilino)quinazoline, m. 148-50°;
 V heated under pressure with KOH at 180° for 4 hrs. yields
 4-anilino-3-hydroxyquinazoline (VI), m. 252-54°; picrate
 m. 287°; hydrochloride, m. 250-7°. VI with 15% KOH
 and Me₂SO, yields 2-methoxy-4-anilinoquinazoline, m. 198-
 200°. The mechanism of the reaction is postulated.

Francis M. Kudawa

BRZOSZOWSKA, WANDA

LABENDZINSKI, Franciszek; BRZOSOWSKA, Wanda

Effect of certain drugs on eosinophil; level in the blood. Polskie arch.
med. wewn. 27 no.4:463-467 1957.

1. 2 III Kliniki Chorob Wewnętrznych A. M. w Poznaniu. Kierownik:
prof. dr med. F. Labendzinski. Adres: Poznan, Mickiewicza 22 m 11.
(EOSINOPHIL COUNT, effect of drugs on,
(ACTH (Pol))
(ACTH, effects,
on eosinophil count (Pol))

BRZozowska, Wanda; MALLEK, Danuta

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(DYSENTERY BACILLARY diag)

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39 no.9:362-363 S '63.

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AKADEMIA NAUK, Vol. 2, No. 2, 1954, Varsovie, Poland)

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March 1955, Uncl.

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A comparison of chemical indexes of early stages of plumbism in workers from the Lublin (Poland) District exposed to lead poisoning. Jachna Opieńska-Blauth, Alfred Tuszkiewicz, and Jan Brzozowski. *Ann. Univ. Mariae Curie-Skłodowska-Lublin, Sect. D*, 8, pp. 151-61 (1963) (English summary).—About 100 workers were studied in this study. They were potters who were employed at enameling, earthenware, typographic workers, storage-battery workers, electricians, workers in canned meat factories, and workers in gasoline stores. Urinary and blood lead levels were established as well as porphyrin tests performed. The dithizone colorimetric method was used for the lead detns. Raised urinary and blood lead levels and pos. porphyrin tests preceded clinical symptoms of lead poisoning. Longer breaks in the ingestion of lead markedly favor a decrease of lead in blood and urine. No answer can be given as to whether blood or urine lead detns. are of greater value in early lead poisoning. It seemed though that in the initial stages of the worker's contact with lead higher contents of lead occur more often in urine; this was not observed when the period of work was extended over many years. Among the different groups of workers examined, the highest chem. indexes of lead poisoning were found in potters and workers in canned meat factories.

Otto B. Lobstein

BRZOZOWSKI, J.; JAKUBOWSKI, R.; PIETRZYKOWA, A.

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2093. BRZOSOWSKI J., JAKUBOWSKI R. and PIETRZYKOWA A. Inst. med. Pracy wsi, Lublin. * Higiena pracy i stan zdrowia zatrudnionych przy stosowaniu arsenianu wapnia w sadach. Hygiene of work and state of health of workers employed in spraying fruit-trees with arseniate of lime ANN.UNIV.LUBLIN, Sect. D 1953 8/16 (263-280) Graphs 1 Tables 2

For a period of 31 days, during which the spraying was performed, the workers were under regular medical control, including blood examination and determination of the arsenic level of the urine. Also the arsenic content of the air was tested. Changes detected in the workers and a rise of the arsenic level of the urine beyond the norms accepted in industry urge the authors to recommend further investigation with regard to protection.

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2119. BRZozowski J., JAKUBOWSKI R., KAWECKA B., PIETRZYKOWA A. and RODZEWICZ J. Inst. med. Pracy Wsi, Klin. dermatol., Akad. med., Lublinie. * Higiena pracy i stan zdrowia zatrudnionych przy stosowaniu arsenianu wapnia w akcji przeciwstonkowej. Hygiene of work and state of health of workers employed in destroying the Colorado beetle with arseniate of lime ANN. UNIV. LUBLIN 1953, 8/17 Sect. D (281-300) Graphs 4 Tables 6

Medical control was applied as well as estimation of the arsenic content of the air and of the urine of the workers. The time of exposure, the functions of the labourers and the way of application of the poison (powdered or liquid form) were considered. There were clinical symptoms in the workers and the arsenic level in the urine rose beyond that accepted as admissible in industry. Conditions were much worse during the use of powdered insecticide. It is recommended that in the campaign against the Colorado beetle arseniate of lime should be abandoned and replaced by DDT or similar compounds. For cases in which arseniate of lime cannot be avoided hygienic directives are given.

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(FERTILIZERS, toxicity,
nitrogen compound azotniak)

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POLAND/Safety Engineering - Sanitary Engineering. Sanitation.

L.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 7020

Author : Brzozowski, J., Czajka, J., Dutkiewicz, T., Keszy, I.,
Wojcik, J.

Inst :

Title : Labor Hygiene and State of Health of Workers in the
Control of Potato Leaf Beetle by the Use of Hyxachlorocyc-
lohexane and Dichlorethane.

Orig Pub : Med. pracy, 1954, 5, No 2, 89-98

Abst : Study of the deleterious effects on man of HCCH and di-
chlorethane (I) used in agriculture to control potato
leaf beetle. Various clinical symptoms of intoxication
were found in 70% of people exposed to I and in 66% of
those exposed to HCCH. Investigations of the ambient
air showed that the HCCH content in the air was on the
average of 0.12 mg/liter, and that of I 0.016 mg/liter,
that is, below the specified hygienic norms. It is

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POLAND/Safety Engineering - Sanitary Engineering. Sanitation.

L.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 7020

recommended to mechanize the field operations, require a preliminary medical examination of the workers, ensure their outfitting with protective clothing and improve sanitary education.

Card 2/2

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(ARSENICALS, toxicity,

calcium arsenide, prev. measures in mass application during eradication of potato beetle)

(INSECTICIDES, toxicity,

calcium arsenide, prev. measures in mass application during eradication of potato beetle)

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in air & in urine)

(AIR POLLUTION

benzene hexachloride, determ.)

(URINE

benzene hexachloride, determ.)

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Polski tygod. lek. 11 no.8:376-379 20 Feb 56.

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(BIOGRAPHIES,

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13 no.5:192-197 3 Feb 57.

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(INDUSTRIAL HYGIENE
principles (Pol))

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mgr., inż.; POZARZECKI, Zygmunt, mgr., inż.; KUPISZEWSKA, Maria, techn.

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Pol. tyg. lek. 19 no.42:1607-1610 19 0 '64

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Warsaw, Polski Tygodnik Lekarski, Vol 17, No 31, 17 Dec 62, pp 1993-1995.

Abstract: [Author's English summary] The effect of mycorene and indication for its application in internal medicine, surgery, gynecology, and obstetrics is discussed. Author's observations of the effect of mycorene in 5 normal subjects and 20 patients are reported. Author finds that mycorene has a good effect on the respiratory and circulatory systems. There are no references.

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Country : POLAND
Category: Human and Animal Physiology. Metabolism.
Water-salt Metabolism.

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Abs Jour: RZhBiol., No 19, 1958, 88539

Author : Brzozowski, R.

Inst : -

Title : The Pathophysiology of Potassium Metabolism in the
Organism. I. General Pathophysiology.

Orig Pub: Polskie arch. med. wewnetrz., 1957, 27, No 11,
1565-1574.

Abstract: Disorders of K metabolism in the organism are
described in detail. The effect of K on the
functions of the nervous and muscular systems,
on the blood circulation, on the respiratory

Card : 1/2